Assignments Folder:

This folder contains several assignments that are designed to compliment KLASS. These assignments work best if done prior to beginning KLASS since they provide students with important background knowledge; however, not all of the assignments need to be done, and this is definitely not an exhaustive list of possible assignments. Additionally, there is no particular order in which these assignments should be done. This is up to each individual teacher. The folder **CENSID**, which stands for **C**omputer **E**nriched **N**avigation for **S**huttle **I**nformation **D**iscovery, contains an interactive PowerPoint presentation with a worksheet that allows for students to do an individual or guided scavenger hunt for information on the Space Shuttle and its parts. This PowerPoint is hyperlinked to the internet and internally. The file "The New Space Shuttle" is needed to answer a few of the questions in the scavenger hunt.

Background Materials:

This folder contains materials to aid in and provide for background instruction on the many aspects of the Shuttle program. This folder is broken down into four sub folders. The **Activity** folder has a series of student activities that look at the various principles associated with rockets, space, the shuttle, and others topics. Several of the items found in this folder are internet sources which can provide for additional ideas for teacher instruction based upon resources and time. The **Background Reading Materials** folder contains many different readings that can be used to support what is taught with KLASS. The readings are in PDF form and are broken down into different categories based on what the readings cover. The **Media Files** has a series of short video clips that have been put out by NASA to cover a number of different aspects of the Shuttle program. These short video clips are a great addition to notes, lectures, or discussions about the Shuttle program since they allow students the opportunity to see what is being learned about. The **Understanding Launch Countdown** gives more specific information on what goes on at NASA during a real launch countdown. This will help the students understand what they are simulating in greater detail.

KLASS Simulated Systems and Materials

This folder contains all the materials that are needed for each of the KLASS modeled systems. Each system has its own folder, and each folder contains all of the worksheets each student needs to run the simulation. This will be the primary folder needed to use KLASS as an instructional tool.

NASA Jobs

In this folder, you will find a Flash program released by NASA that discusses jobs with NASA. This is an interactive program that will give students basic background on many different types of jobs at NASA. Students are also exposed to some of the advancements in science and technology that are a direct result of NASA.

NASA Photos

This folder contains a collection of NASA photos that can be used as an instructional tool to help students see many different parts of NASA. Students will be able to see many of the parts of the shuttle, equipment used at NASA, many different

forms of transportation, and launches. Again, this is not a complete library of NASA photos, but these do help provide students a visual picture of many of the aspects of the Shuttle program and launch that are leaned from KLASS.

Student KLASS Introduction

In this last folder, students can read the objectives of the KLASS program, as well as read the real bios of the shuttle crew and launch team associated with the launch of the Discovery. This folder also contains a printable Certificate of Success that you can print for each of your students.